Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 15 Aug 2023 until 23:59 on Wednesday 16 Aug 2023

Forecast Issued on Monday 14 Aug 2023 at 14:25

Confidence: High confidence for a spell of drier and warmer weather this week, but some uncertainty regarding extent of showers and overnight fog. Low confidence on rain Friday night into Saturday.

Headline for Tuesday 15 Aug 2023: Overnight rain clearing early on Tuesday, then sunny spells and a few showers, locally heavy.

Mountain weather hazards on Tuesday 15 Aug 2023

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Clear night
Precipitation probability							
60%	30%	10%	10%	20%	30%	20%	<05%

Forecast for Tuesday 15 Aug 2023

Weather: Any remaining rain, soon clearing after midnight to leave the rest of the night dry, but perhaps rather cloudy. Cloud lifting and breaking up through the early morning to sunny spells. A few showers are possible from late morning, with perhaps the odd heavier burst in the afternoon. Showers dying away in the evening to leave a dry and largely clear night.

Chance of cloud-free hill tops above 600m: 30%, increasing to >90% by mid-morning.

Low cloud and visibility: Overnight cloud with occasional bases 500-700m lifting and breaking by mid-morning. Cloud then generally above summits. Visibility mostly good to very good, but moderate in rain or showers and perhaps temporarily lowering to a few km in any heavier showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 15 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 W	16/21 W	16/21 W	16/22 W	14/20 W	13/19 W	11/16 W	8/13 W	8/11 W
300	13/19 SW	11/17 SW	11/16 SW	12/17 W	11/17 W	11/17 W	9/14 W	6/10 W	5/8 SW
Valley	8/18 W	6/14 SW	7/14 SW	9/16 W	10/18 W	10/18 W	7/14 W	4/9 W	2/6 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	11/8	11/8	12/9	14/11	14/12	14/12	11/10	10/9
300	13/11	13/11	13/11	14/13	16/14	17/15	16/15	14/13	12/12
Valley	14/12	13/12	14/13	15/14	18/16	18/16	17/16	13/13	12/12
Freezing Level*	2500m	2400m	2300m	2300m	2400m	2400m	2300m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Moderate to high levels of UV expected, please apply appropriate protection. Maximum temperatures are likely to be a couple degrees higher than shown.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 14 Aug 2023	11.4mm	14.8mm	15.8mm

Forecast for Wednesday 16 Aug 2023

Weather: A few patches of mist and fog forming in valleys around dawn. These soon clearing to leave a largely dry with sunny spells and light winds, making it feel warm.

Maximum wind: 10-15mph gusting 20mph.

Chance of cloud-free hill tops above 600m: Generally >90%, but 30-40% during early morning as fog lifts up mountain sides and clears.

Low cloud and visibility: Generally good to very good visibility with cloud above the summits, but poor to very poor in early morning mist and fog patches.

Temperature: **Valleys:** 10 deg C becoming 21 deg C.
At 600m: 10 deg C becoming 14 deg C.
Freezing level: Above summits.

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